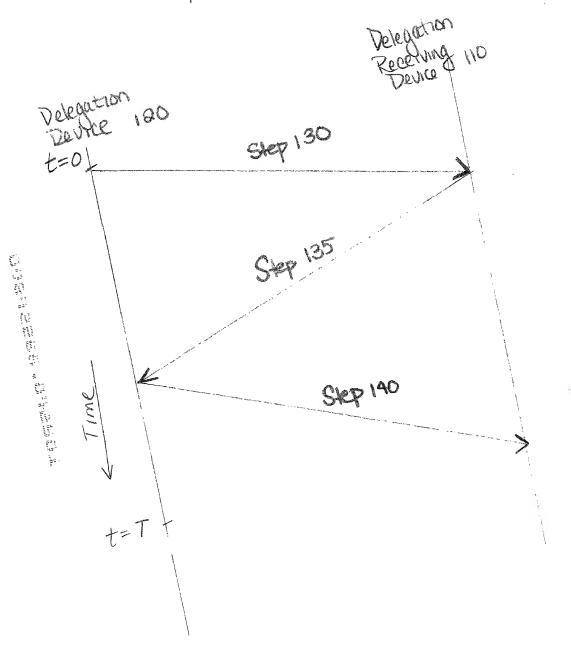


F161. 18



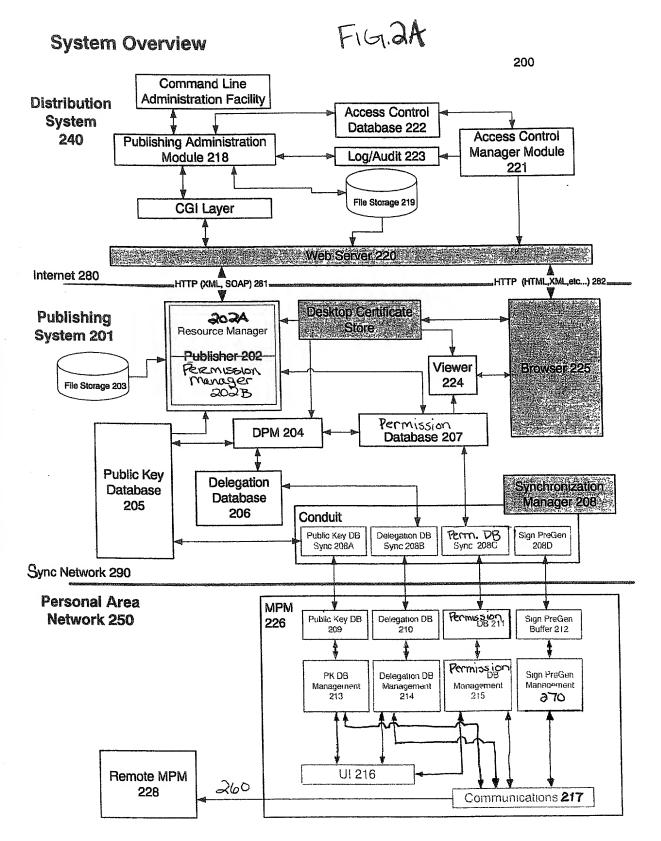
## Data Structure Definitions in ASN.1 permissionChain ::= SEQUENCE OF permissionLink permissionLink ::= SEQUENCE { permissionLinkComponent permissionLinkComponent, Signature OCTET STRING } permissionLinkComponent ::= SEQUENCE { Name OCTET STRING, Uri OCTET STRING, Description OCTET STRING, Note OCTET STRING, Version INTEGER, Src\_p INTEGER, Src\_q INTEGER, Src g INTEGER, Src\_pub INTEGER, Src\_x509cert OCTET STRING, Src\_email OCTET STRING, Subj\_p INTEGER, Subj\_q INTEGER, Subj\_g INTEGER, Subj\_pub INTEGER, Subj\_x509cert OCTET STRING, Subj email OCTET STRING, Delegate BOOLEAN, Read BOOLEAN, Write BOOLEAN, validFrom GeneralizedTime,

validTo GeneralizedTime

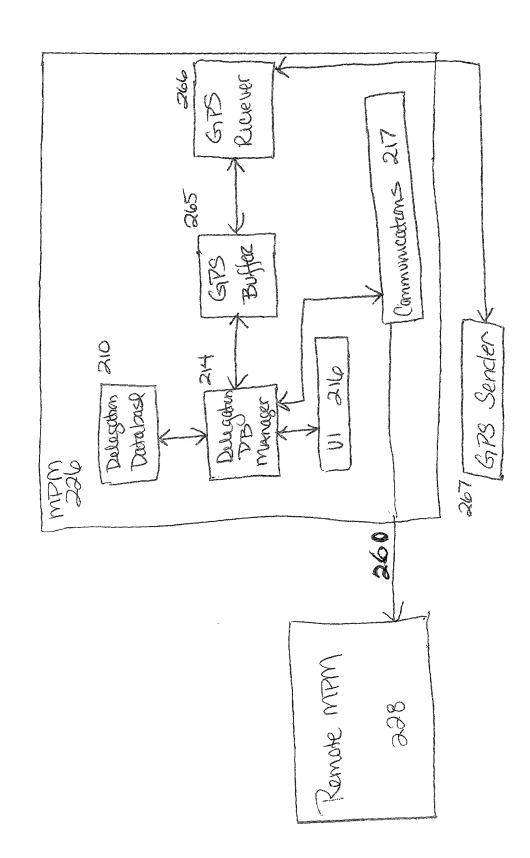
F161.1C

	LINK COMPONENT 8 SIG 9	SIG 14 content 15	Note the component 8 Sig 9
TT3 SIG 4	80 V	SIG 9 content 10	SIG 4
OONEN	SIG 4 CORTENT 5  SIG 4 CORTENT 5  LINK COMPONENT 3	SIG 4 content 5	CH LINK COMPONENT 3

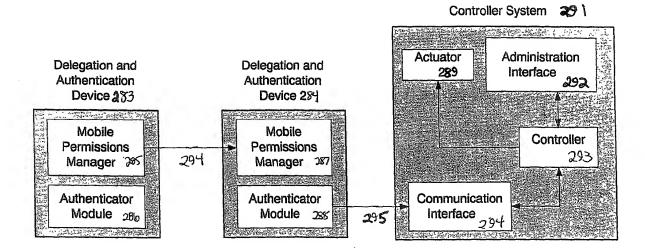
4.51

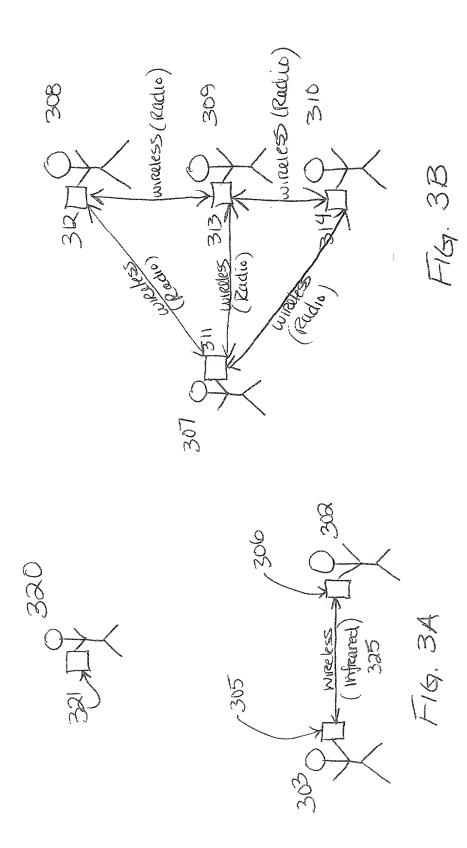


F16 3B

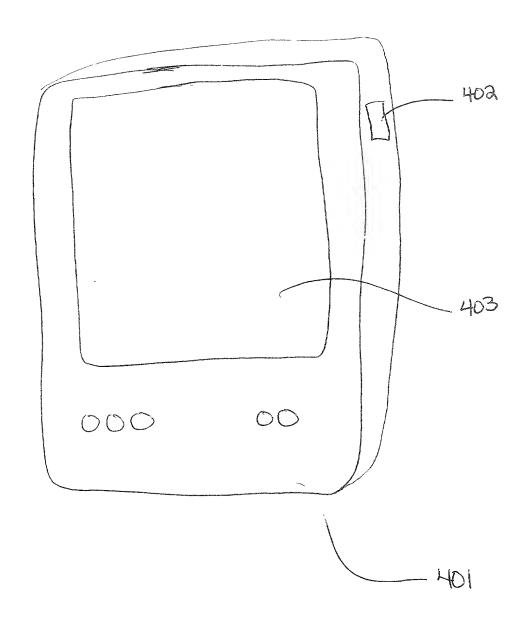


F16,2C

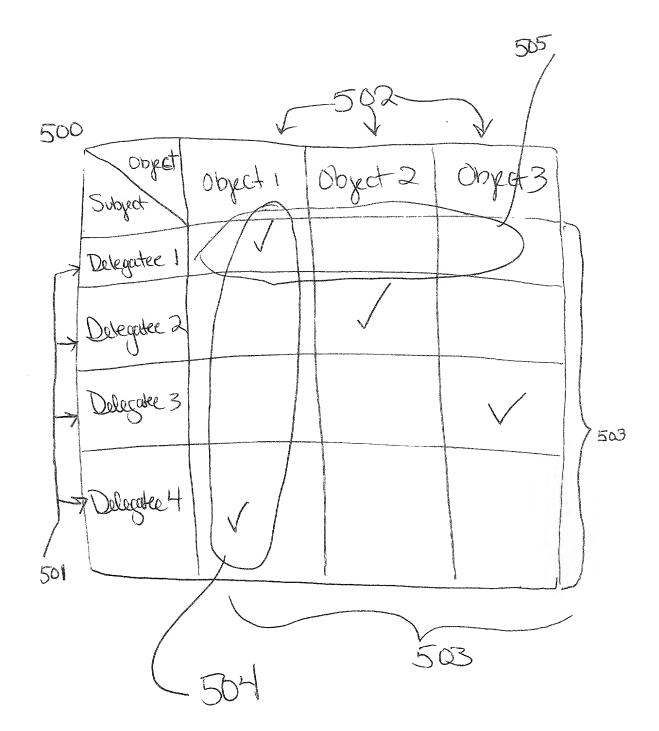


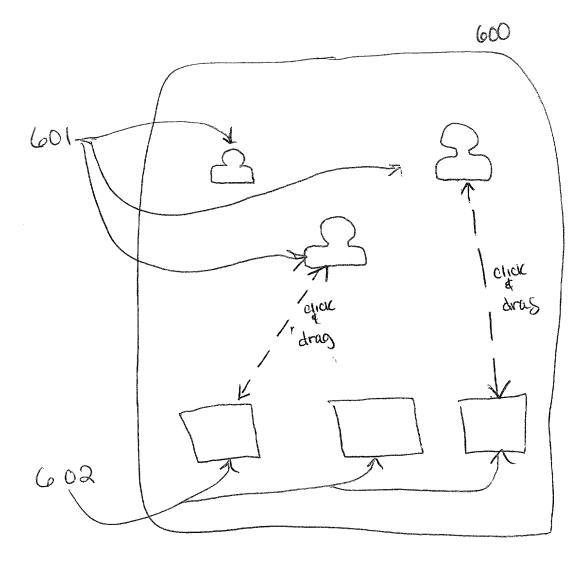


F161-4



F16,5





## Sending Permission as part of a header within an HTTP request. (See http://www.ietf.org/rfc/rfc2616.txt).

GET /resource/ HTTP/1.1

Accept: image/gif, image/x-xbitmap, image/jpeg, image/pjpeg,

application/vnd.ms-powerpoint, application/vnd.ms-excel,

application/msword, \*/\*
Accept-Language: en-us

Accept-Encoding: gzip, deflate

User-Agent: Mozilla/4.0 (compatible; MSIE 5.01; Windows NT 5.0)

Vchain: 50U+F61olMMJzRmZs6QNRhx1UE3artX4ax56AJdJxYR7dzyPNg1g+cwEOzzjT+ v8ywbpyuugQvj1uZSSVDfkbje/C+NV8sLfp5d3eaTykzeP+siJxl7wg3njzn2mLOnRKrXw WuX6gW3gR76zVuIz0y1wS9bZzSiu+ImN/SaHRS3eqBFPL7Ye0lJzin4jH81046kLpiXB+O CloFRqsCmy5/JCrgvR01Rw2rolg6uXgK8xKdybfSXPkJx4w1A0d9GdGAqRycOGFoXtyzpS +bASvdt2UJMssCXAKTw5bi+sUzuTbeX2xPJwDsPvuevICZHVGwnqJemvVUrH1DdhnMzYzF ZfTqeZ6sYAZCvsAiCYghRB6fK9JJV/vj9CzF1vfyFPfYYH750NHjMdDr5qrVbSm4hK2GFZ IVPnyxYHwTafKHhbU2aQ5KFZbBGMwIikfBRMVfsqz3hpKa5Pd+NZELIwQ4FWlWgrIzL+jw Le1CfDk2V4SntsK+CFxBVGbU6dWpQYe2x0Bjat5yjbgYfXdz/vXfNxjHoAiUYwt4ZNwK0+ UG78+E1rtw2UoIUPuQoCpCXh9EMeaACc7gSKY2KfuY10FeCHZ00c16a4M82DUtE6JhrX6U fR08r9QmxVnZu0/MW2vbWNS6rCUvsw78zWpChy3V11bxTyofETq9WofZ3u+bomL8WgchTd /QPyHMaky37tXEhrjZxUkgJtI0oA12kVaTDERIwBnhQYM3mzp48n8wCq8qH2JP78DSOQwC HMolJQPmjfaOxaCR5wE9mhJGHjtTOpXx3GkLNlNuZYq7tbxYznGNJ2VgwUPpCQppohcWmF B1779OcTc59zt9kV6A3MyeI/1ZCP5iW+VjPEa6h5CWhqHDT3mvDXSAJ8Wx66XiIEJmtzil 1Dpnt0phJpCDAPyM2XO2bJGrPnimSbUsaELQWdMmtUyczy5TDI1pqjKMNUlyt1HdmN2jly 2+hHplkzgxxXKhi1I/JtC97X2GBbm7nlUnICG6sAbxq6lBHX5sNs1TzWChjYhtFlMuCezT Umf1LBgGPgh6Uv3oyUVoasRmsKi6qbqweDdxXfZD3uFR/iJNLUzwnt3/PJwtPJpJHJ+Sia /hkB9+alMZXfSkMQaBpAE7/BfzRHs+09fDTL+kBFdO0w0fvkTo9AlfVF99wiAJ0hZt7q+e GWkPi5SRO+9/T710r7wNvC9NELRfsziq/v+8LM179yjjCm0chAZTv09iA8i28gQotzjdFX 1fE3vL0wmrP/6lGSfqZhWc2Ho/m7FmqA9pJQVCRsVXXQOSWAZdPC3a75Jxyoa8hHDxgluK RaAF1xQboHeR1Z9GQHoia9ucQORhrbIu0S2OAfj99QjmszP3gQ64Pw+EakfS+lYQYbauY9  ${\tt Z+8bRf+G8JnhRZIvcyu5y1RW74goguqs6BSf6NcuC3rBJhf30xn151/a8SraFtzUR4rv+e}$ qjQyE=

Connection: Keep-Alive
Host: www.websitexyz.com

HTTP/1.0 200 OK

Content-Length: 16485 Content-Type: text/html

<html><head><title>WebsiteXYZ</title>

F16.7.

## Sending the permission as part of a "cookie" within an HTTP request (see http://www.ietf.org/rfc/rfc2109.txt).

GET /resource/ HTTP/1.1

Accept: image/gif, image/x-xbitmap, image/jpeg, image/pjpeg, application/vnd.ms-powerpoint, application/vnd.ms-excel,

application/msword, \*/\*
Accept-Language: en-us

Accept-Encoding: gzip, deflate

User-Agent: Mozilla/4.0 (compatible; MSIE 5.01; Windows NT 5.0)

Cookie: Vchain=50U+F61olMMJzRmZs6QNRhx1UE3artX4ax56AJdJxYR7dzyPNg1g+cw EOzzjT+v8ywbpyuugQvj1uZSSVDfkbje/C+NV8sLfp5d3eaTykzeP+siJxl7wg3njzn2mL OnRKrXwWuX6gW3gR76zVuIz0y1wS9bZzSiu+ImN/SaHRS3egBFPL7Ye01Jzin4jH81046k LpiXB+OCloFRqsCmy5/JCrgvR01Rw2rolq6uXgK8xKdybfSXPkJx4w1A0d9GdGAqRycOGF oXtyzpS+bASvdt2UJMssCXAKTw5bi+sUzuTbeX2xPJwDsPvuevICZHVGwnqJemvVUrH1DD hnMzYzFZfTqeZ6sYAZCvsAiCYghRB6fK9JJV/vj9CzF1vfyFPfYYH750NHjMdDr5qrVbSm 4hK2GFZIVPnyxYHwTafKHhbU2aQ5KFZbBGMwIikfBRMVfsqz3hpKa5Pd+NZELIwQ4FWlWg rIzL+jwLe1CfDk2V4SntsK+CFxBVGbU6dWpQYe2x0Bjat5yjbqYfXdz/vXfNxjHoAiUYwt 4ZNwK0+UG78+E1rtw2UoIUPuQoCpCXh9EMeaACc7qSKY2KfuY10FeCHZ00c16a4M82DutE 6JhrX6UfR08r9QmxVnZu0/MW2vbWNS6rCUvsw78zWpChy3V11bxTyofETq9WofZ3u+bomL 8WgchTd/QPyHMaky37tXEhrjZxUkgJtI0oA12kVaTDERIwBnhQYM3mzp48n8wCq8qH2JP7 8DSOQwCHMolJQPmjfaOxaCR5wE9mhJGHjtTOpXx3GkLNlNuZYq7tbxYznGNJ2VgwUPpCQp pohcWmFB1779OcTc59zt9kV6A3MyeI/lZCP5iW+VjPEa6h5CWhqHDT3mvDXSAJ8Wx66XiI EJmtzillDpnt0phJpCDAPyM2XO2bJGrPnimSbUsaELQWdMmtUyczy5TDIlpqjKMNUlyt1H dmN2jly2+hHplkzgxxXKhi1I/JtC97X2GBbm7nlUnICG6sAbxq61BHX5sNs1TzWChjYhtF lMuCezTUmf1LBgGPgh6Uv3oyUVoasRmsKi6qbqweDdxXfZD3uFR/iJNLUzwnt3/PJwtPJp JHJ+SIa/hkB9+alMZXfSkMQaBpAE7/BfzRHs+09fDTL+kBFdO0w0fvkTo9AlfVF99wiAJ0 hZt7q+eGWkPi5SRO+9/T710r7wNvC9NELRfsziq/v+8LM179yjjCm0chAZTv09iA8i28qQ otzjdFX1fE3vL0wmrP/61GSfqZhWc2Ho/m7FmqA9pJQVCRsVXXQOSWAZdPC3a75Jxyoa8h  $\verb|HDxg1uKRaAF1xQboHeR1Z9GQHoia9ucQORhrbIu0S2OAfj99QjmszP3gQ64Pw+EakfS+1Y|| \\$ QYbauY9Z+8bRf+G8JnhRZIvcyu5y1RW74goguqs6BSf6NcuC3rBJhf30xn151/a8SraFtz UR4rv+eqjQyE=

Connection: Keep-Alive Host: www.websitexyz.com

HTTP/1.0 200 OK

Content-Length: 16485
Content-Type: text/html

<html><head><title>WebsiteXYZ</title>

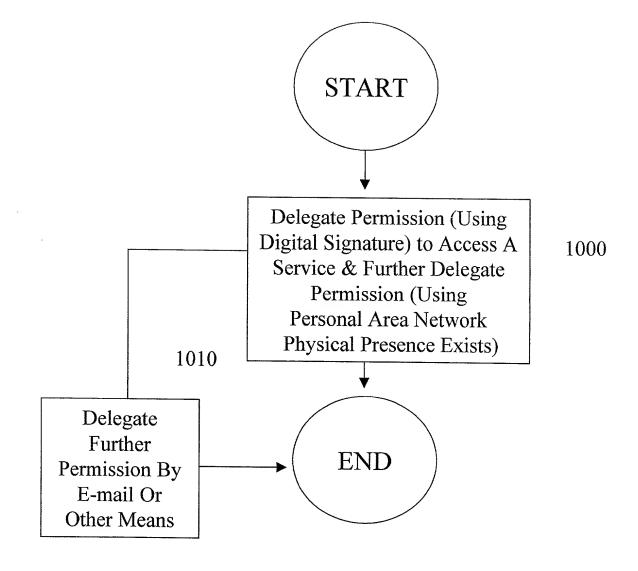
F16,8

## Sending the germission as part of a URL

http://www.websitexyz.com/resource/?Vchain=50U+F61olMMJzRmZs6QNRhx1UE3a rtX4ax56AJdJxYR7dzyPNg1g+cwEOzzjT+v8ywbpyuugQvj1uZSSVDfkbje/C+NV8sLfp5d 3eaTykzeP+siJxl7wg3njzn2mLOnRKrXwWuX6gW3gR76zVuIz0y1wS9bZzSiu+ImN/SaHRS 3eqBFPL7Ye0lJzin4jH81046kLpiXB+OCloFRqsCmy5/JCrgvR01Rw2rolg6uXgK8xKdybf SXPkJx4w1A0d9GdGAqRycOGFoXtyzpS+bASvdt2UJMssCXAKTw5bi+sUzuTbeX2xPJwDsPv uevICZHVGwnqJemvVUrH1DDhnMzYzFZfTqeZ6sYAZCvsAiCYqhRB6fK9JJV/vj9CzF1vfyF PfYYH750NHjMdDr5qrVbSm4hK2GFZIVPnyxYHwTafKHhbU2aQ5KFZbBGMwIikfBRMVfsqz3 hpKa5Pd+NZELIwQ4FWlWgr1zL+jwLe1CfDk2V4SntsK+CFxBVGbU6dWpQYe2x0Bjat5yjbg YfXdz/vXfNxjHoAiUYwt4ZNwK0+UG78+E1rtw2UoIUPuQoCpCXh9EMeaACc7gSKY2KfuY10 FeCHZ00c16a4M82DUtE6JhrX6UfR08r9QmxVnZu0/MW2vbWNS6rCUvsw78zWpChy3V11bxT yofETq9WofZ3u+bomL8WgchTd/QPyHMaky37tXEhrjZxUkgJtI0oA12kVaTDERIwBnhQYM3 mzp48n8wCq8qH2JP78DSOQwCHMolJQPmjfaOxaCR5wE9mhJGHjtTOpXx3GkLNlNuZYq7tbx YznGNJ2VgwUPpCQppohcWmFB1779OcTc59zt9kV6A3MyeI/1ZCP5iW+VjPEa6h5CWhqHDT3 mvDXSAJ8Wx66XiIEJmtzil1Dpnt0phJpCDAPyM2XO2bJGrPnimSbUsaELQWdMmtUyczy5TD IlpqjKMNUlytlHdmN2jly2+hHplkzgxxXKhi1I/JtC97X2GBbm7nlUnICG6sAbxq61BHX5s Ns1TzWChjYhtFlMuCezTUmf1LBgGPgh6Uv3oyUVoasRmsKi6qbqweDdxXfZD3uFR/iJNLUz wnt3/PJwtPJpJHJ+SIa/hkB9+alMZXfSkMQaBpAE7/BfzRHs+09fDTL+kBFd00w0fvkTo9A lfVF99wiAJ0hZt7q+eGWkPi5SRO+9/T710r7wNvC9NELRfsziq/v+8LM179yjjCm0chAZTv 09iA8i28gQotzjdFX1fE3vL0wmrP/6lGSfqZhWc2Ho/m7FmqA9pJQVCRsVXXQOSWAZdPC3a 75Jxyoa8hHDxg1uKRaAF1xQboHeR1Z9GQHoia9ucQORhrbIu0S2OAfj99QjmszP3gQ64Pw+ EakfS+1YQYbauY9Z+8bRf+G8JnhRZIvcyu5y1RW74qoquqs6BSf6NcuC3rBJhf30xn151/a 8SraFtzUR4rv+eqjQyE=

F16.9

Fig. 10



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Fig. 11

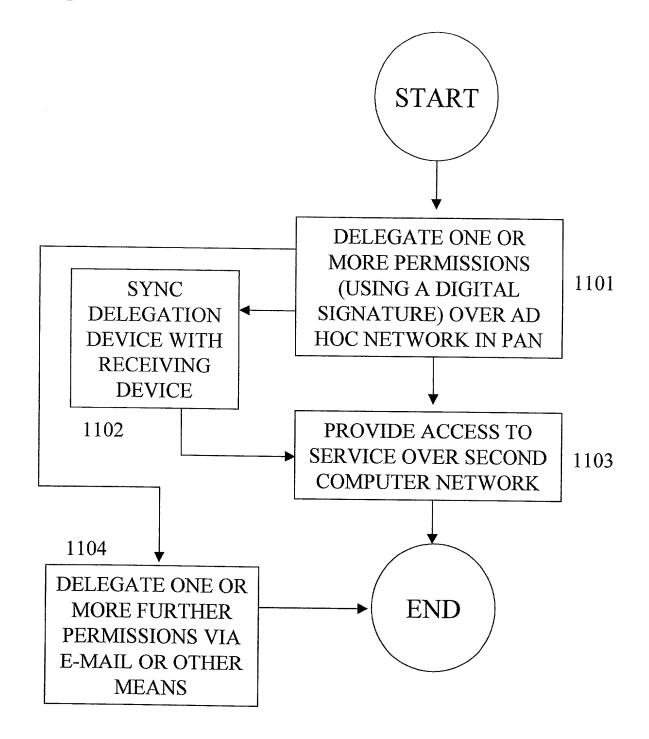


Fig. 12

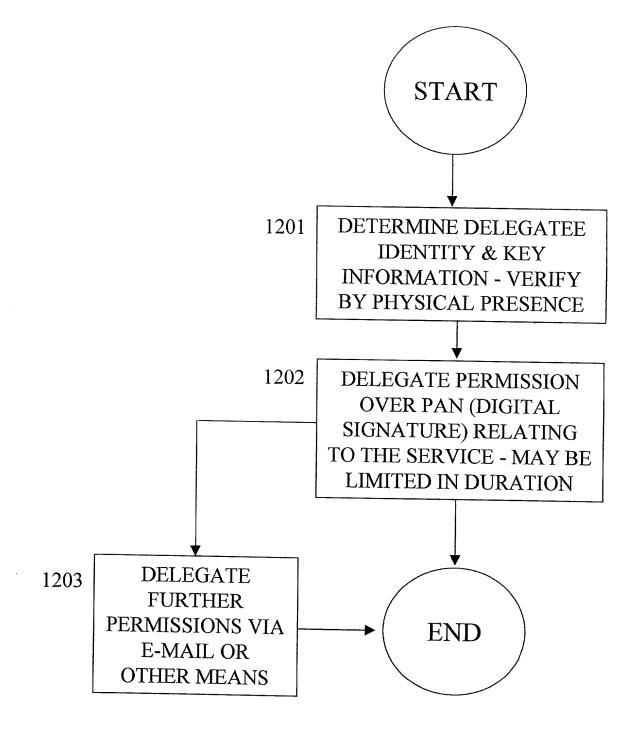
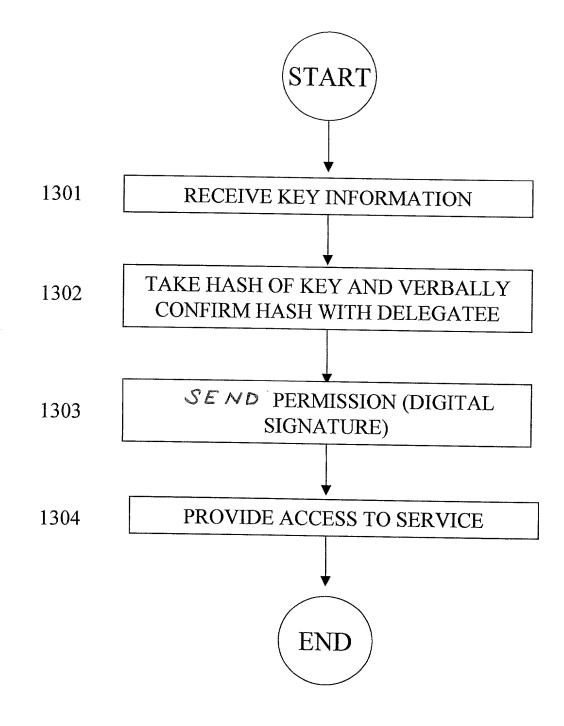
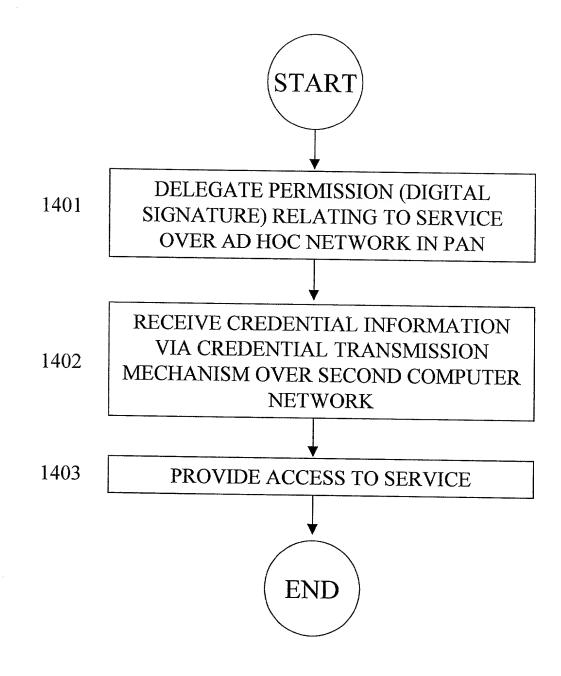


Fig. 13



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Fig. 14



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Fig. 15

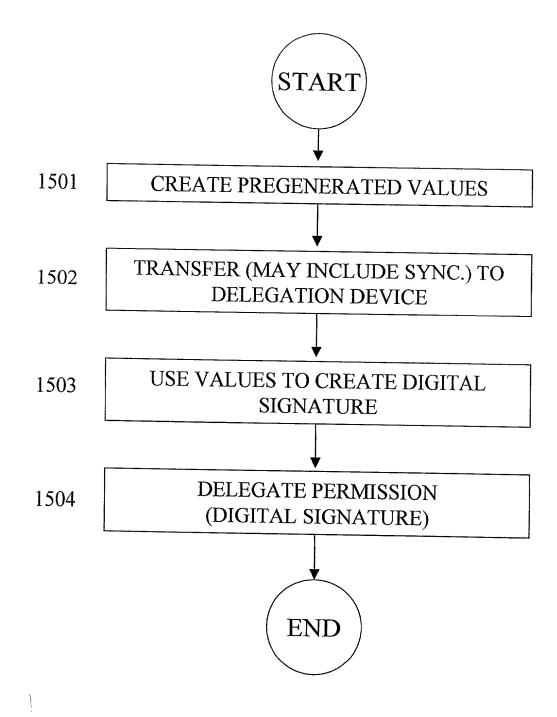


Fig. 16

